

[LI 390]

JUNE 2016

Sub. Code: 2453

M.D.S DEGREE EXAMINATION
(For the Candidates Admitted from the Academic Year 2013-2014 onwards)

BRANCH I – PROSTHODONTICS AND CROWN & BRIDGE

PAPER III – FIXED PROSTHODONTICS

Q.P. Code : 242453

Time: 3 Hours

Maximum: 75 Marks

I. Essays:

(2 x 20 = 40)

1. Discuss the biomechanical principles of tooth preparation for a Fixed Partial Denture.
2. Discuss concepts of occlusion in Fixed Partial prosthesis.

II. Short Notes:

(7 x 5 = 35)

1. Pier-Abutment.
2. Methods of gingival retraction.
3. Extra coronal retainers in Fixed Partial Prosthodontics.
4. Provisional Restorations.
5. Metal free ceramics.
6. Cantilever Fixed Partial Denture.
7. Home care for Fixed Partial Prosthesis.

[LJ 390]

OCTOBER 2016

Sub. Code: 2453

M.D.S DEGREE EXAMINATION
(For the Candidates Admitted from the Academic Year 2013-2014 onwards)

BRANCH I – PROSTHODONTICS AND CROWN & BRIDGE

PAPER III – FIXED PROSTHODONTICS

Q.P. Code : 242453

Time: 3 Hours

Maximum: 75 Marks

I. Essays:

(2 x 20 = 40)

1. Write in detail the articulators used in fixed partial dentures and add a note on functional generated pathways.
2. Case selection and treatment planning of fixed partial dentures.

II. Short Notes:

(7 x 5 = 35)

1. Telescopic crowns.
2. Radicular retainers.
3. Shade selection.
4. Pontic designs.
5. Non rigid connectors.
6. Aesthetic bridges.
7. Canine guided occlusion.

[LK 390]

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BRANCH I – PROSTHODONTICS AND CROWN & BRIDGE

PAPER III – FIXED PROSTHODONTICS

Q.P. Code : 242453

Time: 3 Hours

Maximum: 75 Marks

I. Essays: **(2 x 20 = 40)**

1. Discuss about an ideal abutment and the methods to evaluate an abutment for a tooth supported fixed partial denture.
2. Critically evaluate the various luting agents used in crown and bridge prosthodontics and add a note on luting agents used for all ceramic restorations.

II. Short Notes: **(7 x 5 = 35)**

1. Provisional restorations.
2. Partial veneer crowns.
3. Shade selection.
4. Significance of diagnostic cast in fixed prosthodontics.
5. Note on impression materials and techniques in FPD.
6. Pontic designs.
7. Different die systems in FPD.

[LL 390]

OCTOBER 2017

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PAPER III – FIXED PROSTHODONTICS

Q.P. Code : 242453

Time: 3 Hours

Maximum: 75 Marks

I. Essays:

(2 x 20 = 40)

1. Discuss in detail the treatment planning for full mouth rehabilitation cases.
2. Discuss in detail retainers used for fixed prosthodontics.

II. Short Notes:

(7 x 5 = 35)

1. Resin cements.
2. Mechano-chemical gingival retraction.
3. Titanium casting.
4. Twin table technique.
5. Andrew's bridge.
6. Structural durability and marginal integrity.
7. Dental burs and abrasive points in tooth preparation.

[LM 390]

MAY 2018

Sub. Code: 2453

M.D.S DEGREE EXAMINATION
(For the Candidates Admitted from the Academic Year 2013-2014 onwards)

BRANCH I – PROSTHODONTICS AND CROWN & BRIDGE

PAPER III – FIXED PROSTHODONTICS

Q.P. Code : 242453

Time: 3 Hours

Maximum: 75 Marks

I. Essays:

(2 x 20 = 40)

1. Discuss the principles of tooth preparation and add a note on auxiliary forms added to enhance retention and resistance forms.
2. Materials and methods used for gingival retraction and add a note on fluid control during FPD procedures.

II. Short Notes:

(7 x 5 = 35)

1. Management of tilted molar abutments.
2. Resin bonded prosthesis.
3. Pontic designs.
4. Fixed partial denture – failures.
5. Soldering techniques used in FPD.
6. Pier abutments.
7. Interocclusal records in FPD.

[LN 390]

OCTOBER 2018

Sub. Code: 2453

M.D.S DEGREE EXAMINATION
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BRANCH I – PROSTHODONTICS AND CROWN & BRIDGE

PAPER III – FIXED PROSTHODONTICS

Q.P. Code: 242453

Time: 3 Hours

Maximum: 75 Marks

I. Essays:

(2 x 20 = 40)

1. Discuss the failures of Fixed Partial Dentures.
2. Occlusion and its role in Fixed prosthodontics.

II. Short Notes:

(7 x 5 = 35)

1. Wax up technique used in fixed partial denture.
2. Principles of tooth preparations.
3. Soft tissue and fluid management.
4. Zirconia in prosthodontics.
5. Pontic side development.
6. Full mouth rehabilitation.
7. Anterior guidance – Key to successful occlusal treatment.

[LO 390]

MAY 2019

Sub. Code: 2453

M.D.S DEGREE EXAMINATION
(For the Candidates Admitted from the Academic Year 2013-2014 to 2017-2018)

BRANCH I – PROSTHODONTICS AND CROWN & BRIDGE

PAPER III – FIXED PROSTHODONTICS

Q.P. Code : 242453

Time: 3 Hours

Maximum: 75 Marks

I. Essays:

(2 x 20 = 40)

1. Critically evaluate the Impression techniques in Crown and Bridge Prosthodontics and add a note on Optical impression.
2. Treatment considerations and methods of managing abutment teeth with short clinical crown in fixed partial denture treatment planning.

II. Short Notes:

(7 x 5 = 35)

1. Non-rigid connectors in Fixed partial dentures.
2. Shade selection.
3. Finish line configurations.
4. Significance of Mock Wax-up in fixed prosthodontics.
5. Splints and stents used in prosthodontics.
6. Re-Organized occlusion in Fixed prosthodontics.
7. Fluid control measures in prosthodontics.

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Q.P. Code : 242453

Time: 3 Hours

Maximum: 75 Marks

I. Essays: (2 x 20 = 40)

1. Discuss in detail the various post and core systems used in fixed prosthodontics.
2. Discuss in detail the selection based on classification of crown and bridges and explain the Biomechanical principles for short span and long span Bridges.

II. Short Notes: (7 x 5 = 35)

1. Retention and resistance form in Fixed prosthodontics.
2. Matrix Impression Technique.
3. Periodontal – restorative Interface consideration in Fixed partial denture treatment planning.
4. Role of Anterior De Programmer in fixed prosthodontic Rehabilitation.
5. Articulators used for smile designing.
6. Techniques of fabrication of provisional restoration.
7. Resin retained fixed partial dentures.

[LQ 390]

**NOVEMBER 2020
(MAY 2020 SESSION)**

Sub. Code: 2453

**M.D.S DEGREE EXAMINATION
(For the Candidates Admitted from the Academic Year 2013-2014 to 2017-2018)**

BRANCH I – PROSTHODONTICS AND CROWN & BRIDGE

PAPER III – FIXED PROSTHODONTICS

Q.P. Code: 242453

Time: 3 Hours

Maximum: 75 Marks

I. Essays:

(2 x 20 = 40)

1. Discuss the biomechanical principles of Tooth preparation of Maxillary first Molar for Full Veneer Crown.
2. Essay on Luting agents used in Fixed Partial Dentures.

II. Short Notes:

(7 x 5 = 35)

1. Ideal Abutment.
2. Recent advances in Gingival retraction.
3. Extra coronal retainers.
4. Temporization.
5. Pontic design.
6. Shade selection.
7. Cast post in FPD.

[MDS 0721]

**JULY 2021
(MAY 2021 SESSION)**

Sub. Code: 2453

**M.D.S DEGREE EXAMINATION
(For the Candidates Admitted from the Academic Year 2013-2014 to 2017-2018)**

BRANCH I – PROSTHODONTICS AND CROWN & BRIDGE

PAPER III – FIXED PROSTHODONTICS

Q.P. Code: 242453

Time: 3 Hours

Maximum: 75 Marks

I. Essays:

(2 x 20 = 40)

1. Discuss the different Pontic Designs used in Fixed Partial Denture.
2. Discuss failures of Fixed Partial Denture and their Management.

II. Short Notes:

(7 x 5 = 35)

1. Semi-Adjustable Articulators in Fixed Prosthodontics.
2. Precision attachment in Fixed Prosthodontics.
3. Telescopic Prosthesis.
4. Posts used in Fixed Prosthodontics.
5. Laminates.
6. Shade selection Fixed Prosthodontics.
7. Importance of Cementation in Fixed Prosthodontics.
